

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-9. (canceled)

10. (new) Ball detection apparatus for detecting when a golf ball is hit off a golf tee of an automatic golf ball teeing machine, comprising a radar device which detects a swing speed of a golf club towards the tee and which produces a first signal corresponding to said swing speed, a directional microphone for producing a second signal in response to detecting the sound of said golf club striking a golf ball, and monitoring means for detecting a coincidence between the first and second signals, wherein the monitoring means is arranged to produce an output signal only if it detects a coincidence between the first and second signals and the second signal is above a predetermined level, and wherein the monitoring means varies said predetermined level in accordance with the amplitude of the first signal.

11. (new) Ball detection apparatus as claimed in claim 10, wherein the microphone is responsive to sound with a frequency range of 2 to 5 KHz.

12. (new) Ball detection apparatus as claimed in claim 10, wherein the monitoring means is arranged to produce an output

signal only if it detects a second signal while the first signal is at or close to its peak level.